

GUARDRAIL ITEM DETAIL SUMMARY SHEET FOR HARTFORD-SHARON-ROYALTON IR 089-1(8)

MILE MARKER	MILE MARKER	POS.	AGGREGATE SHOULDERS CY	REPLACE GUARDRAIL BEAM UNIT EA	ADJUST GUARDRAIL HEIGHT LF	REPLACE GUARDRAIL POST ASSEMBLY EA	BIT. CONC. PAVT. TON	EARTH BORROW CY	TOPSOIL CY	R & R CURB LF GRANITE	REMOVAL OF CURB LF	TREATED TIMBER CURB LF	BIT. CONC. GUTTER & TRAF. ISLANDS TON	EXIST. GUARDRAIL (LF)		APPROACH RAIL		GUARDRAIL ITEMS (LF)		GUARDRAIL ITEMS (EA)		COMMON EXCAV. 203.15	STEEL BEAM GUARDRAIL W/ STL. POSTS 621.20	SUB. OF LEG. CR. CRSH STONE CY 30.35	REMARKS		
														STEEL BEAM	CABLE	REMOVAL OF EXIST. LF	NEW LF EA	REMOVAL & DISPOSAL-621.80	STEEL BEAM W/ STL. PSTS 621.20	M.T.S. 621.505	RENOVATED GUARDRAIL POSTS 621.60					STL. B.M. ANCHOR 621.60	
SOUTHBOUND		OUTSIDE																									
9.87	9.87		37					75	5										264	352	1	1	15			USE FLARE PLUS MTS	
10.15	11.12		196									2375		30					4858	4964.5		1					
11.12	12.07		224					75	5			4550		57					4700	5075	1		15			EXTEND NORTH 50' W/FLARE. CONNECT TO NEW STEEL BEAM GUARDRAIL @ MM 11.12	
12.26	13.15		187	90	4487.5	37		18	2			750		9					652	237.5		1	525			CONNECT TO RAIL ON RAMP & USE GUARDRAIL (MOD) FROM MM 12.85 TO MM 12.75 (525')	
SHARON 13.15	INT. #2 OUT																										SEE SHARON INTERCHANGE #2 LAYOUT SHT 51
	6+50	VT132 RT	72					18	2			1750		22					1565	1800	1						
RAMP A	10+30	10+50	RT											1													SEE SHARON INTERCHANGE #2 LAYOUT SHT 51
RAMP A	11+25	15+25	LT												405												SEE SHARON INTERCHANGE #2 LAYOUT SHT 51
RAMP B	15+65	15+80	RT									105															SEE SHARON INTERCHANGE #2 LAYOUT SHT 51 REPLACE BIT. CURB W/ GRANITE SLOPE EDGING (105')
RAMP C	11+45	11+80	RT									67															SEE SHARON INTERCHANGE #2 LAYOUT SHT 51 REPLACE BIT. CURB W/ GRANITE SLOPE EDGING (75')
RAMP C	11+40	1+50	LT												418												SEE SHARON INTERCHANGE #2 LAYOUT SHT 51
13.29	13.41		21					18	2			265		3				1	530	527		1				CONNECT TO NEW APPR. RAIL	
13.45	13.57		33	6		3		18	2			225		3			150	1	50	250	1					SOUTH END REPLACE NEW APPR. RAIL. EXTEND NORTH 50'	
13.83	13.87		13					18	2								150	1	150	150	1					ATTACH TO NEW APPR. RAIL	
13.94	14.03		46	6		3		75	5								150	1	25	287.5	1		15			REPLACE EX. APPR. RAIL, USE FLARE PLUS MTS	
14.20	14.28		23					18	2										317	414.5	1		1				
14.33	14.35																112.5	1		87.5			1				
14.53	14.64		20														225	2		362.5							REPLACE EX. APPR. RAIL REPLACE EX. APPR. RAIL SECTION NORTH END BR. 17. NEW STEEL BEAM TO ATTACH BR. #17 APPR. RAIL TO BR. #18 APPR. RAIL ATTACH TO NEW APPR. RAIL, USE FLARE PLUS MTS
14.68	14.71		34					75	5								225	1	25	200	1	1	15				
14.97	15.08		17									365		5					370	564.5		1					
15.08	15.22		38	14		6		18	2			125		2					75	175	1						
15.55	15.64		24					18	2										317	464.5	1	1					
16.20	16.29		25					18	2										211	439.5	1	1					
16.64	16.70		37					75	5										158	314.5	1	1					
16.95	17.31		97					75	5			1825		20					1900	1902	1	1	15				USE FLARE PLUS MTS
17.49	17.55		17	4		2		18	2										162.5	302	1	1					
17.73	18.01		64					18	2			1110		14					1214	1452	1	1					
18.13	18.23		26					18	2										370	502	1	1					
18.33	18.46		39					18	2			475		6					581	652	1	1					
19.40	19.72		78	2		1		18	2										112.5	1764.5	1	1					EXTEND NORTH 250' W/MELT. EXTEND SOUTH TO MM 19.40. PAVE EX. BIT. CONC. GUTTER 12' X 1060' ADJACENT TO LEDGE
19.77	19.88		29					18	2										211	577	1	1					
19.93	20.21		64					18	2										1214	1452	1	1					
20.45	20.66		50					18	2										1062.5	1062.5	1	1					
20.90	20.99		44	5	262.5	2		75	5										87	212.5	1	1	15				EXTEND NORTH USE FLARE PLUS MTS
21.12	21.36		57	25	1237.5	10	5	18	2										50	27	1	1		5			PAVE & REPAIR SHOULDER @ 21.12
21.87	21.95		22																								ATTACH TO EX. APPR. RAIL
SHEET 17 TOTALS:			1634	152	5987.5	64	5	867	73	823	172	14237	339				1012.5	8	21503.5	26998.5	23	23	90	525	5		

SEE REVISED SHEETS 12A - 18A

DRAWN BY	Ross	DATE	9/94
SQUAD LEADER	BOMBARDIER		
DESIGN FILE NO.	saga/87a008/da008gr.dgn		
DATE PLOTTED	2-MAR-1999		
PROJ. NAME	Hartford-Sharon-Royalton		
PROJ. NO.	IM IR 089-1(8)		
SHEET	17	OF	260 SHEETS